

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of subject matter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed and for which a patent is sought by way of the application entitled

A MULTIPLE LEVEL MINIMUM LOGIC NETWORK

which (check) ☒ is attached hereto.
☐ and is amended by the Preliminary Amendment attached hereto.
☐ was filed on _____ as Application
 Serial No. _____
☐ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>N/A</u>			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		
<u> </u>	<u> </u>	<u> </u>	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		
<u> </u>	<u> </u>	<u> </u>	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as any subject matter of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

<u>N/A</u>		
(Application Serial No.)	(Filing Date)	(Status-patented, pending, abandoned)
<u> </u>	<u> </u>	<u> </u>
(Application Serial No.)	(Filing Date)	(Status-patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

Alan H. MacPherson (24,423); Thomas S. MacDonald (17,774); Richard Franklin (19,128); Kenneth E. Leeds (30,566); Paul J. Winters (25,246); Brian D. Ogonowsky (31,988); David W. Heid (25,875); Guy W. Shoup (26,805); Forrest E. Gunnison (32,899); Norman R. Klivans (33,003); David H. Carroll (29,903); Edward C. Kwok (33,938); Patrick T. Bever (33,834); David E. Steuber (25,557); Michael Shenker (34,250); Laura Terlizzi (31,307); T. Lester Wallace (34,748); Ronald J. Meetin (29,089); Andrew C. Graham (36,531); Ken John Koestner (33,004); Mark P. Kahler (29,178); and Stephen A. Terrile (32,946); Omkar K. Suryadevara (36,320); David T. Millers (37,396); E. Eric Hoffman (38,186); Lawrence E. Lycke (38,540); Kent B. Chambers (38,839); Emily H. Haliday (38,903); Philip J. McKay (38,966); and William L. Paradise, III (38,990).

Address all telephone calls to Ken John Koestner at telephone no. (512) 404-3600

Address all correspondence to Ken John Koestner
SKJERVEN, MORRILL, MacPHERSON, FRANKLIN & FRIEL
25 METRO DRIVE, SUITE 700
SAN JOSE, CALIFORNIA 95110

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Coke S. Reed *Coke S. Reed*
Inventor's signature *Coke S. Reed* Date July 21, 1995
Residence Austin, Travis County, Texas Citizenship US
Post Office Address 1705 Mohle Street
Austin, Texas 78703

Full name of second joint inventor, if any _____
Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of third joint inventor, if any _____
Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of fourth joint inventor, if any _____
Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

EXHIBIT B

ASSIGNMENT

WHEREAS, The Institute for Defense Analyses, a corporation existing pursuant to the laws of the State of Delaware, having an address at 1801 N. Beauregard Street, Alexandria, Virginia 22311 ("Assignor") is the owner by assignment of all right, title and interest in and to an invention, and in and to the patent application thereon filed on July 21, 1995 the name of the inventor being Coke S. Reed and bearing Serial No. 08/505,513 and entitled: MULTIPLE LEVEL MINIMUM LOGIC NETWORK.

WHEREAS, the National Security Agency, an agency of the United States Government having an address at Fort Meade, MD 20755-6542 ("Assignee") is desirous of acquiring Assignor's right, title and interest in and to said invention and application.

NOW, THEREFORE, for in consideration of these premises and for other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor by these premises does hereby sell, assign and transfer, all of its right, title and interest in and to said invention in the United States and throughout the world and to said application and in and to all patents wherever they may be granted thereon as well as divisions, continuations, reissues and extensions of said application and patents granted on said application, provided, however, that the inventor, Coke S. Reed, shall bear the cost of further patent prosecution and reserves the sole and exclusive right to fully control all aspects of the prosecution of such application in the United States and elsewhere in the world.

This Assignment is executed as part of, and is to be interpreted in relation to, the Integrated NSA/IDA INTERACTIVE Patent Assignment and License Agreement executed on even date herewith and of which this Assignment is a part.

IN WITNESS WHEREOF, Assignor has caused this instrument of assignment to be executed this 12th day of December, 1997.

ASSIGNEE

INSTITUTE FOR DEFENSE ANALYSES

By: Larry D. Welch

Name: General Larry D. Welch, USAF Ret.

State of Virginia)
City Alexandria) ss.
County of Alexandria)

On December 15, 1997 before me, General Larry D. Welch, personally appeared _____ personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Barbara Italy Vioragione
Signature of Notary

My commission expires August 31, 1998

PATENT

RECORDED: 02/12/1998

REEL: 8950 FRAME: 0291